


EU lawyers to discuss how to beat speculators on road to single currency

## Quest for an Emu without tears




## German government Heavy blow for contracts deal opposed



Brussels urged to boost challenge to illegal state aid

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## Bildt visits new Bosnian Serb leader

Peace envoy keen to find out if Mrs Plavsic's takeover from Karadzic is genuine
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## Austrian unemployment rises



Prime Minister Klaus chooses cabinet to rule with minority

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## Greek PM 'leads party out of east

End of Czech uncertainty
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The four parties hava sis



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## Brussels warning over French TV's health kick



AEKWONDO, AIKIDO, JUJITSU, SHOTOKAN
AND GUARDIAN ROYAL EXCHANGE.
HEYRE THE MOST POPULAR FORMS
OF SELF.DEFENCE IN THE FAR EAST.


Kerin Hope
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## Irish crime puts EU in shade

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Saudi dissident's presence in the UK 'irrelevant', claims foreign secretary
Rifkind brushes aside Massaari affair


Israel takes first step of sweeping plans for fiscal restraint and privatisation

## Determined Netanyahu pushes through $\$ 1.5$ bn budget cuts



INTERNATONAL NEWS DIGEST
KwaZulu result good for peace
 Mandela' A African National Congress winning the towns while







Copper broker: suspends staff
 an internal inguiry into the firm's dealings with Sumpitu
Corporation in the copper market. The three staff, all
 procedures -There are some elements of paperwork that we
need to follow thriovh
the broker ssid. The inguiry hegaun atter reegulutors in the UK and US asked
all companies which had dealings with Sumitomo to review



Capital penalty for dollar users




 osed to buy and lease real estate and for payment of hospital
services. Iraq poser for UN chief


 committee could d lock agreement of purchasing theruments
and connracts noeded for each sale under the scheme
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## Investors in

 Vietnam face stricter regimeBy Jeremy Grant in Hanoi Forelgu investors wbo spent
nervous months awaiting the utcoum of Viems ama ' comme nist party cungress before com-
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closed., said Mr Chris Bruton. director for Thailand and noto conault Quoc Sam, minister
Mr Do
for planning and investment. for planning and investment,
said the foreig investment
liw would be amended in octo.

## India emerges as world centre for software

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WORLD TRADE NEWS DIGEST
Caricom fears deregulation

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Seoul to
seek cut in import spending

ay John Burton in Seoul
Mr Kim Yocungsam, the South
Korean president, yesterday
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spending will inirease for
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 Thdustral was astments. abouta a rise in the indatitan
rate bavove the official target of
4.5 per cent for: this year..

## LO urges change to labour law

 By Robert Taylor,
South Korea has been strongiy
criticlssed by the Genevajased
Interantional Labour Organisa tion over its restrictive induGG-
trial relations laws and was told to let workers join was
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 oo March 13 thls year. ments for not reyistering the stive since these laws are not in
 says the do report It urges the South Korean
 A presidentlal commisslon
has recenty been extablished
in South Korea on indisstrial relations reform to propose
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## NEWS: ASIA-PACIFIC

## Thailand's respected bank chief falls from grace



## boom cools

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## Manila peace plan attacked




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this month , povide fina 4 peace and development council

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Mongolian election rout Mangoisis opposition Democratcic Union Coaition wan 50 of







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THE SERVICES CENTRE OF EUROPE.
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THE SERVICES CENTRE OF ELROPE

Home sales increase interest rate pressure

| By Michael Prowse in Washington | The Iigures were released shortly before Fed governors and regional presidents began | expected to show economic growth at an annual rate of |
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|  | showing big increases in | tive material prices, a longer |
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| to nine months ahead. | orders in May. | equipment |

Another arrest in probe of paramilitary right

| By Christopher Parkes in Phoenix |  |  |
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| OS federal authorities |  |  |
| terday announced anotber | Montana "tree | talke out tanks |
|  |  | Was janet Napolitano, federal |
| buildings in Arizona, bringing |  |  |
| to 13 the number of people |  | zona, said the Viper members |
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| lite co Mondzs shortly | the group and gathered | planned to blow |
| povernment had held | wi | Phoenix police department |
| ged militia members ti | home-made bombs, |  |
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| ert actions | ageu | The viper militia was |
| -government groups in the | sho | fiknown to most Arizonans |
| On Monday, 10 men and two |  | the state is home to several |
|  |  | ident groups. Most are |
|  |  | rightwing, selistyled white |
|  |  | supremacist or "patriot" gangs. |
|  |  | Prominent individuals in the |
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| mo |  | the Jewish organisation B'nai |
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## Colombia protests at US at US

 policy

Test for Chile's central bank
Resignation of chief raises autonomy questions, writes Imogen Mark

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$\$ 50 \mathrm{~m}$ embezzlement charges levelled at treasurer of national agency
Welfare official held in Mexico
Wisim

and


Caracas sees
inflation fall


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Ind' EUROPE


Cheaper' commuter fleet renewal proposed while pressure mounts to reroute freight line Train manufacturer offers modernisation deal


It is with deep regret that we have to announce the death on June 29th 1996, as a result of a tragic accident. of the longserving Chairman of Veba Oil Operations B.V.,

## Mr. Salem A. Farkash

Mr. Farkash was 60 years old. He had been Chairman of Veba Oil Operations since 1980. With enormous commitment he played a decisive role in the development of Veba Oil Operations into one o he leading oil companies in Libya and led the company with great kill through a difficult period.

His distinguishing characteristics were not only great experience, an understanding of people, a marked sense of responsibility and employees.

It is with profound gratitude to Mr . Farkash that we take our leave of him. We shall honour his memory



## Thinker, tailor, screenwriter, sailor, rich man, foreman, businessman or comic? (It must be something in the water:)

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INANCLAL TIMES WEDNESDAY JULY 31096

8
Edward Mortimer

## Exit the atomic age

Nuclear weapons could be reduced and eventually abolis
if the countries that control them bury their differences


##  <br> Grand Canal Stree Dublin 2



## THE NATIONAL TREASURY MANAGEMENT AGENCY <br> eramar of dal iss m governumer bonos

| 为 | Reuters: <br> Bond price quotations | . |
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| ABNAMRO/Riada Stockbrokers? | RIDA-B | :353-1-679-1414 |
| CS First Boston Limited | CSVK | 44-171-516-3051 |
| Davy Stockbrokers | DAVC-D | $\therefore 353-1-679-2800$ |
| Goodbody Srockbrokers | GDAB-C | - 353-1-667-0333 |
| NCB Group | NCSJ-K | $\bigcirc 353-1-660-6944$ |
| UBS Limited | UBSI | - 44-171-901-1264 |


 <br> \section*{LETTERS TOTHE EDITOR <br> \section*{LETTERS TOTHE EDITOR <br> <br> Number One Southwark Bridge, London SEI 9HL <br> <br> Number One Southwark Bridge, London SEI 9HL <br> <br> } <br> <br> }

| No miracle for the poor in China | Unlikely that the European central bank would be able to intervene <br>  |
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## for the poor

 in China



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SD. Saodell,

Andrew Adonis
The two faces of welfare



## Ifare

## FINANCIAL TIMES <br> Number One Southwark Bridge, London SE1 9HL Wednesday July 31996 <br> Keeping state aids in check

| Yesterday's demand by Unice, the Reropan employers' organisation, for tougher enforcenenent of is to be applanded. The initiative not only focuses attention on a real economic problem but also suggests an encourraging shitt in compantes were ready to condemn they stood to benefft. Now. it such more are disposed to view such largesse as an insidious threat to fair compettion. The change of mood is particr. larly timely, when lariy timely, when gerowth in many European economies is fal. tering. It is et this point in the cycle that Earopean industry's walking wounded rattie their beg ging bowis most loudly. Despite suggests that these petitioners will be less vocal this time national governments less amenable to special pleading by infuen- tial vested interests In theory, the European Com. misstion has mpressive powers to block subsidies which joepardise competition. In practice, its authority is much less clear-cut: The fact that its discisines fall on the governments which give subsi- dies, rather than on the companies which receive themo meaps that cride politics often prevail over the rule of law. Not only is the commission heavily lobbied by national capitals; many of lits members habitually reftain from opposing sabssidies when producers in their own countries are seeking similar favomrs. Such |
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## Oil's well



## Power brokers at the bedside

Boris Yeltsin is expected to win Russia's presidential election but the struggle to succeed him is already on the agenda, says Chrystia Freeland


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## FINANCIAL TIMES <br> Wednesday July 3.1996

## Japan allocates \$155bn for research spending

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## Digital jobs

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doubledigit sales growth
 tions in the fourth quarter, Mr jobs, mostly in ald be cutting





## Canadian group in

 \$400m Cuban deal to build hotel chain| By Pascal Fehcher in Hanana <br> A Canadian entreprensur is undertaking a $\$ 400 \mathrm{~m}$ joint venture to build 11 tourist hotels in Cuba in the island's biggest foreign investment deal since the March to discourage foreign business there. <br> Mr Wally Berukoff, who runs a group of mintng, property and other companies and already has investruents in Cuba, signed the deal with Cuba's state hotel corporation Gran Caribe. <br> 2he 1 O-year project is the big gest planned joint vanture invest- ment announced so far in Cuba's growidg tourism sector. It will also be the largest investment in Cuban tourism Cuban tourism by Canada, which, along with Spain and Mexico, is a sigaificant investor in the island. Canadian investment in Caba bas been heavily, concentrated on ming. although at least two Canadian companies manage cuban hotels. The amnouncement was a further signal that some deternained forelgn investors do not Smtend to Helms-Burton law. The US legislation threatens penaittes against in property expropriated from 1959 revolution Amba following the ${ }^{1959 \text { revolution. }}$ Canada's $\qquad$ lation which would allow canadians to countersue in Canadian courts to recover any damages which might be awarded against them in US courts under the Heims-Burton law. |  |
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Thai bank
governor governor quits after financial

## scandals

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He played a sieniicant role in
Exchange Col Mission
Mry Ekmol who
uty governor of the central hank

His loss of credibility also ren-
dered him inppotent in the face of ficreasing poititcal pressure on
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 miny resisted calls from prosse
minister Banhand sipparthm to
lower interest rates but he appeared torest ratentos over the pe pert
week as his political strength
 ers Rank, two of the countrys
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Indonesia's stare-owned IPTN celebrated iss 20th anniversary wich the debut ai Indonesia Air Show 96 of the
twinengined N 250 , scheduled to enter cormmerccal service next year.
The N250 is che word's only lyy-by-wire regional nurbo-prop and, at 330 knots, one of che lascost. Is minge is 800 mivess and Messier-Dowty (TI Group's joint venure with SNECMA) and Dowty poppelleris and includes. landing geirars supplied by US $\$ 200$ million across the expected life of the programme. With our help, the N250 is a real high filice Dowty is one of 11 Group's twree specialised engineering businesses, the others being Bondy and John Cixi. Each one is a technological and marker leader in its field. Togecher their specialiss skills e inable.

Goup ro get he critical answers right for iss custemex. Whatdide.



# FINANCIAL TIMES COMPANIES \& MARKETS <br>  

PRINTERS





## BAM may shun South African broker


#### Abstract

 Baring Asset Management, one of the higgest forrign investors in the higgest forreign investors in. South African shares, is consider. ing suspending share dealing throueh Nedcor, South Africa's fourthlalargest hank, after the ourthnlargest hanik, after the bant disavowed areverch report riticial of owe of fits largest critical of ome of its largest carpoNedoors had written to its brok- ing clients criticisting tto own祭 clients crifitisising tr8 own BAM'5 Mr Michael Power, head 7 research report. "We


## SmithKline Beecham agrees $\mathbf{\$ 9 0 m}$ gene deal




Crédit Lyonnais to securitise FFr40bn of loans
 <br> \section*{\section*{Barry Riley <br> \section*{\section*{Barry Riley <br> <br> How Italy knocked out <br> <br> How Italy knocked out Germany in bonds} Germany in bonds}


















The troubled ferry operator is trying to launch its latest weapon in the high-seas battle for passengers



## Caterpillar to buy Krupp diesel unit

## By Michael in Bonn



## Verbundnetz Gas sees return to black



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| Hypo Foreign \& Colonial Management (Holdings) Limited |
| Acquisition of |
| ESN Pension Management Group Limited |
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THE SOUTH AFRICAN BREWERIES LIMTTED

| UAL Merchant Bank Linfted is authorised to announce that, further to the annou Wechestay, 15 May 1996, elections from ordinary sharsholders to receive a final cast Wednesiday, 15 May 1996, electuons from ordinary sharsholders to receive a finail cash par ovdinary share on account of the year ended 31 March 1996 in fieu of the capitalis ordinary shareholders were meda br respect of a total of 46316730 ordinary shares, dfuldand payment of R89 391 288.90, and elections from holders of tha series $\mathrm{B}^{5}$ all cumulative preference sheres ("B convertble preference shares") to recelve a cumul thidend of 127.5 cents per B corivaritibe preference share on account of the year were made br respect of a total of 1207842 B corveritble preference. shares, resulting dividend payment of R1 539 998.55. As a result, a total combined dividend peyme (which inctudes R670 227.95 in residual cash dividends payzble in fieu of fraction ordinary shares, artsing out of the caplithlisation share awards referred to belom) is due Accordingly, purscuant to the capltalization share awards and based on the averaged empanys cruinary shares on The Johannesturg Stock Exchange (The JSE) for 84.26\% lssue and 274165 ordinary shares held, are to be lssued to ordinary sharah convertible preference shares held, are to be issued to the holders of the B convert the number of issued ordinary shares in the shere capltal of the Company has hicreas ordinary shares to 300670208 ordinary shares. <br> Llstings <br> The listing of the 4287115 new ordinery shares in the Connpeny will commence on Londan Stock Exchange from the conmmencement of business teday Posting of share certificates and dividend cheques <br> Share certificatess in respect of the new ordinary shares and checues in respect of tha f preference cash dividend and the residual cash dvidend in reaspect of fractiontal entitie shares will be posted to the eqpolicable shareholders registered on the South Afric registered and orcinary mail respectively and to tha applicable shareholders regit Hy <br> By Order of the Board AOC Tonkinsor <br> Group Sonsuay 3 uny 1896 |  |
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St George out of Metway dealgovernment's rival plan to create a reeional superbauk' byItalian broking link-up cancelled
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## NEWS DIGEST release of results

    隹Pay-per-view Italian soccer䢒Hick

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PINANCIALTMMES WEDNESDAY JULY 31996
Giobal competition
THE SHAKE－UP AT CREDIT SUISSE

## Making sure of one of the few places at the top table



困 The people
Raiph Atkins and Nicholas Denton

## Blue－eyed boy of the investors

|  | Mioblemann | Another executive from the | $t$ |
| :---: | :---: | :---: | :---: |
|  | agement |  | ing |
|  |  | Mr Osmald Gribel， | or them to lea |
| executive of | within the group with the pace | trafing of the new CSFB． | 崖： |
|  | of change be decided | The |  |
| Kielhor，has |  | of |  |
| stock market following that | character Mr Rainer Gnt | commercial bank | here are two particular |
| might well be seeking to emn－ | th |  |  |
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| Mublemann＇s appointme | If the plan succeeds，Mr | ho |  |
| Swiss Re |  | the | ing of staff from CSFB＇s US |
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|  |  | Wh | a restructuring right now |
| to conceritrate |  | Hio | could be detrimental＂，says an |
|  | mann president of Creditit siji－ | It is moderstood |  |
| Mr Mathemann，who join | sse | executiv | dangerrois in investment bank－ |
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| areholder interests．＂LT |  |  |  |
| Mahlemann is the blue－e |  |  |  |
|  | But colleagues said he |  |  |
| c |  | Gribel and Mr Ru |  |
| wrong＂says Mr Angus Run |  | er |  |
| clays de zoete Weda． |  |  |  |
| Aged 46，cigar－puffing |  | basimes．mere | \％ |

Whiliam Hall，Zurich

## 白 The structure

Four core businesses in refocused international financial institution


## A crowded and unprofitable market






The path of change over two decades
䢒 yminizim $\underset{\substack{\text { Switzertand } \\ \text { whole } \\ \text { 1978 }}}{ }$ Joint eurobond venture
beenteen Credit Suisse and
White Weld metamores
 with the US＇s First Boston．
Mrs
Mr RRiner Gut becomes
chairman

 and international bank as
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stake in CS FSnancial Products，the CS group＇s
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a reciprocell pepr ent stake
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Creditinsurs Suisse forms a ne arlince wist Winterthur
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1996，April 1996，April
Rival Uuion Bank of
Switzeriand rehurfs Switzeriand rebuffs
Mr Gut＇s sucgestion Mr merge thgat would
a mavercented one of the
hoorld＇s larges banking $\underset{\substack{\text { groups } \\ \text { j296，July }}}{ }$ So96，July
CS launche launches radical
overbauil of group structure．
George Graham

## （V），MGM GRAND，INC

MGM Grand，Inc．
8，625，000 Shares
Common Stock

Joint Global Coordinators Deutsche Morgan Grenfell

Oppenheimer \＆Co．，Inc．

| 1，725，000 Shares |  |
| :--- | ---: |
| This portion of the offering was offered outside the United States． |  |
| Deutsche Morgan Grenfell | Oppenheimer International Ltd． |
| Dean Witter International Ltd． | Montgomery Securities |
| ABN AMRO Hoare Govett | Barclays de Zoete Wedd Limited |
| Credit Lyonnais Securities | Goldman Sachs International |
| Robert Fleming \＆Co．Limited | Nomura International |
| Schroders Warburg | UBS Limited |

## 6，900，000 Shares

This portion of the offering was offered in the United States．

Deutsche Morgan Grenfel
Dean Witter Reynolds Inc．
Oppenheimer \＆Co．，Inc．
Montgomery Securities
Bear，Stearns \＆Co．Inc．
Morgan Stanley \＆Co．
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TT Securities Corporation

The Seidler Companies

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## News executive chosen to run John Fairfax

By Nikd Tait in Sychey John Fairfax, Australia's位 which newspaper publisher, the ladian media tyeoon, holds

the yesterday announced that it
Mas appointing Mr
Mascat as it
new executive,
Mr Mucat, 48, is currently
the chief operating afficer at News Limef operating the Auticar at
arm of News Corporattranan ithe arm of News Carporation, the
media and entertainment
group headed by Mr Rupert Murroch He replaces Mr Bob year after an eventtul $4 \% / \begin{gathered}\text { chief executive } \\ \text { This } \\ \text { effectively ranked } \\ M x\end{gathered}$


Aztech Systems in the red

By James Kynge
in Kuma
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Morgan Stanley



CONTRACTS \& TENDERS
announcement
SUPPLY OF X-RAY MACHDNES The Minisisty of Hearnh of Abbania intends to buy with its funds
$5 x$ ray machioss bidding process will be conducted through
Open Intermational Bidding pen International biding. The Ministy of Healdo of Absania is pleased to invite all ligigibe
sources which can supply the above mentioned goods. A complete see of bid docurmens in English may be purchis Any elighble bidder on the submission of wititen applicacion to the
above and upon payment of a non refumdble feo of USD 100 Bids will be opend in th aseme of Ho Bids will be openend in the presence of those bidders rep
who choose to antend al 12 o $^{\text {cllock, Aggus }} 15$. 1996 . For further informaion you can contact the following ad Investment \& Lnfrastructure Department
Ministry of Health Trame, ALBANLA Ministry of Heath, Tranan, ALBANLA
Tel: +35542 64661 Faxe $+355426+632$




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4 FINANCLAL tImes WEDNESDAYJILY 31996

## Mobile phone growth slowing

## Cookson acquires Camelot

 for $\$ 100 \mathrm{~m}$










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| US $\$ \mathbf{3 3 , 0 0 0 , 0 0 0}$Pre-Export Finance Facility |  |
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| JSC ANGARSK PETROCHEMICAL COMPANY <br> Angarsk, Irkutsk Region, Russian Federation |  |
| Co-Arrangers and Undervilers: |  |
| Creditanstalt Bankverein London Branch | International Moscow Bank Moscow |
| Paricicipans: |  |
| Banque Commerciale Pour L'Europe du Nord - Eurobank, Paris Bayerische Vereinsbank AG, London Branch WestMerchant |  |
| June 1996 |  |
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## Strong housing figures send Treasuries lower

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## Steady flow of smaller deals

 in wide range of currencies


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funtures exchange, yesterday




Saab plans \$1bn facility as part of wider refinancing
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BOND FUTURES AND OPTIONS

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## GURRENCIES AND MONEY

## MARKETS REPORT

Dollar reaches highest level since January 1994






# COMMODITIES AND AGRICULTURE <br> <br> Academics urge radical reform of UK farm ministry 

 <br> <br> Academics urge radical reform of UK farm ministry}

By Alson Maituand





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There has been widespread
criticism of the minustry for
placing fod producer' inter.

 versity, the academics ssy radi-
cal reform of the ministra is



Lead/zinc ore puts Bac Thai on the map
The Vietnamese province is attracting increasing foreign interest, writes Jeremy Grant
$\qquad$




## COMMODITIES PRICES



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## Dutch allow more

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| The Dutch authorities have agreed to give Pasminco of Anstralia more time before it | tacted the Dutch ai and received support, ple, for the jarosite |
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## Offshore Funds and Insurances FT. MANACED FUNDS SERVICE







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## Equities struggle to stay ahead on the day



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water stocks, where Wesseas and
Thamese Water continued to
Tround ground was also keen takeover
There
speculation in other areas of the

 The poor closing performanco was
in tiark conntrast tot the bulish feal.
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of trading. Wall Street t' 75 -point


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don of her orries of an mincreses in recent levels. Tradepoint. the order-
driven tradins system, safd that
had exjoyed its second-bigeat had enjoyed its second-biggest
turnover.
Volume at 6 puen was 871.8 m shares, a nigure which inctnded
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52 per cent of tis iswed capital The 5 per centof tith issumed capartes The
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Wimpey out of step
George Wimpey stood out in
an otherwise bubbling bouse building sector. slicing moure than 7 per cent after 9 profits
downerand fiom SEC Warburg The broker. a long-term bear
of the stockK was said to have
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Selected water stocks rose as
news of a big stake sale by


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FINANCLAL TRMES WEDNESDAY JULY 31996 *
NYSE PRICES












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## Shares fall on tech warnings， rate concerns

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 Canada Toronto outperformed Wall
Street at midessingon as the
market sought to atath
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Tre mood．however，was
soured in part hy the host of earnings warnings from
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Altan Accan Aluminum shrugged
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 stocks．TVX Gold pict
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Milky
． Whilkyway Networks shares，
which made thentr
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## Buenos Aires weaker

Buenos Aires edged lower at Carlos Menem after an unex．
midsession on disappointment
pected rise in unemployment，a over June tax revenue figures $\qquad$
S Africa regains confidence


Da omy minister．Analyyts noted treasury secretary，had con． ceded that the government was
falling short of revenue goals
set by the MFP
set ty the par．
The marye said another drag on
the mas imposed by the market was inposed biferences between
Mr Cavallo and Prest

## EUROPE

## CS Holding soars 12\％on major restructuring



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Rate worries，finance house rumours depress Nikkei
shipping and haulage sectors．
Ronsorltum stock was
suspanded，bnt Integrated


Volumen totalled 295m shar
as most investors stayed on th
sidelines．
sidelines．Ivestorstors stayed on the
salso
unanerved by speculation that






CROATIAN RADIO－TELEVISION
Public Enterprise
Zagreb，Dezmanova 10
Based upon Art． 5 of the decree on the procedure of purchase of goods and services and concession of works（Narodne Novine＂No．25／96 and 32／96） public enterprise Hrvatska Radio－Televizija． 10000 Zagreb，Prisavlje 3 announces．

Public competition－Bid invitation for the collection o offers in order to choose the most satisfactory equlpment：
1 Transportable containered transmitter station which consists of：
FM－VHF II Transmitter output power 5 kw VHF II Combiner $3 \times 5 \mathrm{~kW} \quad 3$ unit TV UHF Transmitter Output Power 10 kW 2 units UHF Channel Combiner $2 \times 10 \mathrm{~kW}$ Mlcrowave Radio Link set for Transmis 1 TV and 4 Sound Channels including 3 sets Everything previously installed in transportable containers with the possibility of quick instalatation on the chosen location and attachment to the existing
power supply and transmitting antenna systems． 1．2 Single TV and FM Transmitters：

TV VHF ill Transmitter Output Power 5kW TV UHF Transmitter Output Power 10kW 12 unit TV UHF Transmitter Output Power 40kW 1 unit FM VHF II Transmitter Output Power 10kW FM VHF II Transmitter Ouput Power $2 \mathrm{~kW}{ }^{3}$ units

Parity of delivery is CIP with designation of the installatio
Zagreb．
Foreign and domestic bidders may participate in this public competition
The tender offer has to be composed according to the tender documentation and is required to comain the credin terms as folows：ar least contract．For the period of 5 years with grace period of one year and with the acceptable annual interest rate．
Tender documentation can be obtained，on a 10000 Zagreb，Prisavlje 3，Commercial Dept．
mport Export，Room 13 or 16．Telephone No 6163490 or phone and fax No．6163095， against the presentation of payment slip／paid DEM 840 ，to the costs or documentalion．． Televizija in Zagrebacke Bansa Zagro Televizija in Zagrebacke Banka，Zagreb
For all technical and other information bidders nay contact Mr．Pero Kulusic，Telephone No ＋385 16115 621，Telefax No．＋385 16163199. The deadline for submitting of the offers is 9 th
September 1996，until 12 e．m．to the address from Art． 4.
The offers have to be in English or Croatian language．
5．2．The opening of the offers will take place at the address from Art．4．in the presence of the e opening，on 10th September 1996，at 12 am．
Hrvatska Radio－Televizije reserves the right to compt or refuse every bid，cancel the ofore tion and reject all blds at all ume this will nging of e contract and accortion with the particlpation of the bidders In the competition，or bear any responsibilily toward he rejected bidders，end will not be under：any deciston．
he offers must be submitted in $e$ sealec nvelope with designation＂ne otvarati－za Javil aljecaj－oprema（Do not open－tor public ompetition－bid invitation－equipment）to the ddress：Hrvatska Radio－Televizija；：Expon

Croatian Radio－Television
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CROATIA
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## TINANCIAL IIMES RBVIEY



## * Information Technology

Wednesday July 31996

Nikkei


I$\mathrm{t}^{\prime} \mathrm{s}$ a classic showdown betwén an
ola hand aind a youmg upstart Nearly foorr years: ago. Microsoft lamerched
Windows NF (New Technology). a "'industrialstreateith comainotery) oper ontware cojinwhiny pitmised witidis lid chasest
 aken seriousing as man aitere enonoigh to to bei This alone represents ai. remarkable

 interface, it is vilewed as a vable solutition, older. compariley have besun Evialuatitis wide systems.
 aperating syytem market; according to Datatacuest tigivers.
Nevertheless $M$
 cepartmential server level, NT does now,

 We market leader.
What is more, rearch groups such as
ataquest predict that NT winl make frum-



tomers. which is why even those who have
bought into Microsofit's NT strategss still Deve orme Uuis boses.
Despite Microsofts. clains, most inde

 some tite As As a rescult, many companies
re choosing to mis NT and Uni-based use of both platrorms. For small or medium sized installations,
ypically departmental networks, bhey use
 containing four or fewer processars, but
continue to deploy Unix servers where big.
 becuase the giobal computer manket con. tinues to expand at a prodigious rate, NT.
is not kimg of Uni oo the contray.
Unix is likely to thrive into the neat ceo. Hury., says styne ations increase in varietys scope and
aulity, others argue that there is onfy one -There may be resentment of $M 1$

 EBut practical considerations wnll, in the nesses must take IV Uunse sof action is sumb
stantially more costly than equivalent $N T$ stantially more costly than equivalent NT
soltware. Unix software will pot be as pop-
ular.After anl the main reason Unix became sofiware developer to reach a layge markset
with a U Uiveroer wo
Co a proprietary $\operatorname{sys}$ stem with a programa Tha a proprietarif nsstem. ragic.. Unis sistuation of nothing less than
Infospctives. The bubris





## Shoot-out ahead over control of corporate network systems

The next 18 months are likely to be crucial in the battle between Unix and Windows NT for control of corporate departmental network systems. For Microsoft, which has bet


## Ahead of the pack on the information superhighway <br> ＂When you are growing at 90 per cent a year，I can tell you， your knees shake，＂says the president and chief executive of

 your knees shake，＂says the president and chief executiveCisco Systems．He is interviewed here by Louise Kehoe



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E Enterpilae computing－By Louise Kehoe
Networks now vital to corporate effectiveness
Revenues for liternet－related products and services will rise
Revenues for lnternet－related products and services wil rise
from an estimated $\$ 4.95 \mathrm{bn}$ in 1995 to more than $\$ 36 \mathrm{br}$ by the from an estimated $\$ 4.95 \mathrm{bn}$
year 2000 ，analysts predict





## Whatomotromet




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Sportster 28，800 PCMCIA fax／data modem with XJACK The new Sportster 28,800 PCMCIA fax／data REDUCED PRICE！And with it＇s unique XJACK connector，it＇s
modem gives you the fastest $V .34$ fax and data communications in a modem the size of a Now I $^{*}$＊ $\begin{aligned} & \text { there when you need it，hidden away when you } \\ & \text { dont．Plus yourll receive a Free Trial membership }\end{aligned}$ credit card．In or out of the office，you can NOW ${ }^{2}$ Y INC． connect at top speed to the Internet，access ONLY VAT Access and details on the AcC Long Distance－Low your e－mail or send and receive faxes．
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Address
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Suppliers race to build alliances
Key players in the market for up-market personal computer 'servers' are working hard to outdo one
another in building industry alliances that will give an edge to their range of products




## More flexible routes for network growth


 gration and opttmisation teet-
ing on comppaqis Proinant 5000
systems, using
 Pro processors.
In additlou to testing and
integrating thetr software on

 ing business-critical applica.
tlons on the newi Prollant 5000 . Jhe compaay says these elaluation reportio will help
customers worldwide obtala ortimum perroommance, retiabil.
ity and scaleability for their
ind
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Compaq.
partners bave fointly con.
ducted months of comprehen. sived testing to comprechen-
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Stackable hubs allow network. equipment and
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Its amazing how well elient/server computing can work. Especially if you put something between your clients and servers in help them communicate better Thatst why we created the seven new IBM Softwnre Servers.


IBM Software Servers. Now the client/server picture is complete.
mazing how well client erver compang


Planning for a network failure is an fail to carry out adequately companies a need to measure the true effectiveness of company help-desks


## Vendors target small office market



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## Network skills shortage

Demand will remain high at least until the end
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As the number of remote network users grows, companies are seeking new ways to connect different technologies


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## 70 Free Seminars



## Many hurdles to overcome

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Take part in the free
IBM Ethernet adapter test now:
and watch your network gather speed!


Minterview with Robert Madge－By Paul Taylo

## An unlikely entrepreneur

The window of opportranity hy
the networking market，like
many


Connectorit it looks like a computer．Well，nut ro someone fom AMR，because，as de wordd＇s premicr connetror company：our people hive been strexching che conceppo of connectors．＋Usenlly thoughr of as pieces of plasic and mexal siring beaween cables and cravir boands，conneccors are being rodefinod Weire broadening dxir definioun mindude enore signal paths．For example，we see he one between a kentoand and the compuerer sreen as one long connector．4This broader definition is the basis for our furure diration．By building on our radibional arengiths weve added utchnologics chas fic inno our vision－tecthnologics like sensoss，swinches， write bringing these tedtnologiss togerther to creare proven connectivity șseems hax our customers can incorporate into their designs，helping－ them redure cossb and speed their produat developmen．$\uparrow$ So while nor everyone would think：of a computer as a connector，our cussomers benefic because our poople do．



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Viewpoint





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As a result Madge an no
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 technology，matorys because of
the time it would have taken．

E Network costs By Marcia MacLeo
Always the unexpected


## Big rise in hacker break－ins

Software tools used by hackers to detect vulnerabilities in computer systems are becoming more sophisticated and at the same time easier to use

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Global networks continued trom previous page



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#### Abstract

losses in the US． More than hal More than half of 250 US polted in Februaty manayers National Computer Security National Computer Security Association（NCSAI，${ }^{2}$ US Association NCSA，a，us industry grup sald they had experienced Internet－related experieaced Internet－related security hreaches in the pas secar． The Co Tie Computer Emergency Response Team at Carnegie Response Team at Carnegie Mellon Uuviversty in Pennsyl： vania，says that the number of computer security incidents is computer seamity incidents is growing as fast as the number ＇One computer on the Internet on the internet is broken into every 20 seconds'    （Security Administrator Tool for Analysine which was distrihuter frkely which was distrinuter freely over the ltuternet hast farar，can be used by  very little expertise to breal inta a computar network． Similariy，Ruvtkit is a serie  free sotware tools develelped hackers that allow pan ntruder to pain root acceelt to networks and＂root acceres the security status of a sys securky status of a systems administrator．Someone with com root access can read，alter or diestroy any data on the net work Even as hacking tols become more effective， ever．there mare etfectise  linking their sysutems to to the lnternet． A survey bs the Compoter o，found that more than 30 


IEMENS WXDORF

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## Not a moment too soon

The ghost of Taurus, the UK's abandoned system for paperless share settlement, will be laid to rest later this mettlement system goes live - delivere on time, and to budget
 eginning-o-thbeend for share in Arril 1997 when the Stocl|
Extincates, and comes just
Exchange's Talisman settle






The Transition Period

- Between July 15 this year and April 1997, reglstrars will entered into Crest A "big bang' approach to beginning . Crest operations was ruled out as too isky. But Criestoo cost of running both Talisman and Crest - and to avoid the comiusion for users of having to deal with both systerns.
- In order to avoid bullding any links between Talisman and Crest, transition will take place securty by secinity. Talisman or Crest, not both.
- Once settlement has transferred to Crest for a.
particular stock, it cannot be setted through Taisman particulur stock, it cantot es setided drough all industry participants wll have to be ready
This means 10 use Crest from August 19.
Athough the institutions are keen to reap the cost savings of moving to paperless trading, until smaller
shareholders can be weaned there will stil be a larg volume of paper in circulation.
Crestco expects about 90 per cent by value of period, but a much smaller percentage by volume. Dealngs in any securities that have not made arangements so settle In Crest by the time Tallisman is
switched off will have to settre tyruguh movements of paper between buyer and seller.
For shareholdars of equities hanclled by Crest who choose to stick to paper, share certificates. and transfer
forms will be moved from stockbrakers to registrars, with the movements $c o$-erdinated with the electronic instructions. The haulage company $\$ N T$ has estabilished
five centros in the UK and. Iretand to provided. a dedicated
service to Crest.



## selecting

tretight accounting reporting \& analysis

## software

## softworld answers <br> SOFTworld in accounting \& MARAGENENT EXECUTIU MIFORMATION SYSTERSS is one in a series of demonstration specialist apdifiction softikarse. <br> - free product demonstrations - Free sofrworlo BEPORT \& DIRECTORY

softworld
in Accounting \& Management Executive

1-2 Octoher 1996 NEC, Birmingham

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were tinalised to were inalised in May 1594 and
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In that time, Crestco greew -
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The Crest stigste London. rens. on zandem Firmalasem compunsters,
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putter services company putter Services company which
employs 20,000 ppopple in 10
European countries.
Two dedicanted computer cen-
tres have been set up in Vaux The system can settle up to 150,000 transactions a day. Network security is paramount hall, Losdon and Greenford.
Maiddlese. The
destened to settle upstem.


## How Grest works

- Crist will respond to electronic. messages firm - It will uuthenticate the messegges and compare nstructions input by the buyer and the seller rand match themi: :
On settlement day. it will check the availability of stock stock from the seller's account to the buyer's. The buyying nember's bank will be instucted to pay the soling
${ }^{50}$. - Ciest will notity the stock's registrar who wini commint to egister valid transitiess wing
-The contents of each member's accounts on the - The contints of each members accounts on the
register and fif Crest, will be a minor innage of each other.



## - lssues and options By Nuala Morari <br> Strategic IT development by the securities industry

Crest will put the industry on a new IT platform that can support wholesale





| there are some functions in the existing Tralisman system notabiy repport giveneratioa, crest. Instead, Crest will supply users with the raw data they need to do their own analysis. <br> Another criticlism is tbat trading system. Rather than | actions will be cransmitited don Stock Exchange to allow it to pollcs the market- and ensure that trades and settie ment data mayry up. <br> Sharchoiders in Cresteo will be able to dictate futare the company will be handed over to them once Crest stants |
| :---: | :---: |
| The total cost of development and getting the system running to full capacity will be under $£ 30 \mathrm{~m}$ | operating. <br> Meanwhile, Mr Saville is conndent it will start on cime and that thare wind be tion tmetable. <br> His confidence derives trom the progressively mare sophtis. ticated trials that have been taking place over the past three montbs. These began on behind schedule - with the 25 registrars that are responsible |
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## High risks in the race to market

Publishers are discovering that the development of CD-Roms for the 'edutainment' market can be a costly business

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Big debate on US initiative

| US schools are at the centre of a drive to provide children with more computers |  |  | the school computer market but its lead is slipping as IBM PC-compatible vendors target is good naws for schools in terms of discounts and financing. |
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| $\begin{aligned} & \text { grier this year Bin Cint- } \\ & \text { tone tha US presidine } \\ & \text { tad Gore, vice-prest } \end{aligned}$ |  |  | Weak point Although initiatives sucb as |
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## CLASS OF ITS OWN

Until now, choosing a portable PC. could mean compromising on power and liexibility Bonex's NB-500/ notebook changes al that Even the basi speciriction of the NB-500N offers PC Pertuim power and a color soreen. And its moduar design means hat despite is smal size mind Ight weight weers benefit from a wide range of altemative contigurdions induding an oppional CD-ROM Utive This Notebook has been designed
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## Complications delay birth <br> Market access, regulation, and

intellectual property rights are among
the problems that governments will ha the problems that governments will have



Wired-up home of the future
Exhibition brings together new
systems for systems for education, wor
shopping and shopping and




#### Abstract






## What real opportunities does the Internet present for your company? Cut through the hype with incisive analysis of the key issues and hard facts.....

## FT

FINANCIAL TTMES Newslexters \& Management Reports

## Improving Retail Efficiency through EDI

Managing the supply chain by Mike Hendry $\square$ Tick Box
Although only $2 \%$ of all retailers use electronic data interchange (EDI) they currently forecast to troble by the year 2000. This report pinpoints the issues that need to be resolved by new users, service providers and the EDI community as a whole including standards, technology, contracts and security - illustrating how EDI can bring competitive advantage.
December 1995: £275 UK; £295 Europe; £305/US\$488 ROW
IT and the Future of Retall


The application of leading edge technology by Gary Herman $\square$ Tick Box
Can high street stores develop effectively in response to emerging retai environments? How can retailers implement new technologles to gain competititue advantage?
This report provides you with a realistic guide to the application of leading edge information and communications technolgies in retail. Building on the best selling arising from new media, in-store developments, new paymient systems and leveraging information for competitive advantage.
August 1996: £320/US $\$ 480$
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## FT

FINANCLAL TMMES

## Retailing on the Internet

Future prospects for on-line commerce
by Christopher Field $\square$ Tick Box
Millions of consumers already have access to the Internet worldwide, with the numbers of users doubling year on year. The enormous opportunities this presents has encouraged thousands of retailers to rush to establish their presence on the Internet but Contents include:

- SWOT analysis Cable, satellite and competing
- Payment systems and security implications retail methods
- Extensive statistical support
- Retailer profiles
- Setting up your website

Backed by the views of leading analysts and consultants, this report enables you to July 1996: £320/US $\$ 480$

## Supply Chain Management FORTHCOMING

Best practice and the impact of new partnerships by Joanne Lamey $\square$ Tick Box
How can retallers achieve greater cost efficiencies to enable greater expenditure on customer services initiatives
The supply chain provides many opportunities for retailers to reduce costs to support enhanced customer services and lower prices. As retailers are looking beyond looking at raw materials suppliers in the same way New infacturer, manufacturers are Consumer Response (ECR) are further blurring the New initiatives such as Efficient manufacturers' supply chains. This new report details the latetween retailers' and discusses the critical issues that any company must evaluate when redefining supply chain dynamics, drawing directly from the experiences of industry leaders.

| Case studies include: | $\because$ Profiles include: |  |
| :--- | :--- | :--- |
| - Tesco | - Whíte Arrow |  |
| - Boots | - Wlckes Ltd |  |
| - Iceland | - Transport Development Group | $\ddots$ |
| July 1996: £320/US $\$ 480$ |  | $\ddots$ |

- projects

Scottish Power
plans a large
ATM network
The company hopes it will improve the response to customer inquiries by havin operators' fingertips




## Several Moves Ahead



## Ricoh thinks and plans ahead. Always one

 move ahead of the rest, Ricoh is the Grandmaster in office automation and the way to avoid checkmate. Ricoh offers strategic solutions: digital colour copiers that provide you with extensive copying and printing possibilities, multifunctional digital combination units that print, copy and fax and network equipment that increases the digital connectivity. In short, Ricoh can help give you the edge and ensure that you stay several moves ahead. Ricoh - your masterstroke.
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## A rush for market dominance

16
"The Internet is a fantastic thing," says Biil Gates of Microsoft, the software giant. "It makes software and computers more
relevant to what is happening in the world. There is somethin going on here that is very deep.


linil.

## T

Fresh challenge for software developers
The next 12 months will be crucial in the development of
useful corporate Internet applications - and server software is useful corporate Internet applicat


Internet//ntranet systems
are, of course, a varaizion on
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ent design. Clientiserver compuput Ins separates the presentatition range of 'buck room' gervices
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$\mathbf{A}^{\mathrm{s}} \mathrm{m}$



## Electronic shopping

Home shopping is








#### Abstract








Internet computing
Recasting the dynamics of the software industry computers on demand.
Mr Gates dismises Java as
"one or dozens ond omputer
languages that will be used to


## Access to the Web By Pay Taylo

## Battle of the browsers

Although most
attention is attention is
focused on the consest between Netscape and Microsoft, there are now more than 20 other brow
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## -











(The former network systems,
business communications systems
and microelectronics divisions
of AT\&T, powered by Bell Labs R\&D:
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## HINANCIAL TIMES SURVEY

## FOREIGN EXCHANGE

## Central banks steady the markets

During the uneasy quiet which no
prevails the
industry faces period of
restructuring. But, asks Phinip Gawin how long
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## 2 FOREIGN EXCHANGE <br> The impact of a strong currency

## Yen's rise prompts exodus

Japanese
 The yen has risen by 83 per cent against the dollar since 1985
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 <br> \section*{\section*{D-Mark dip suits exporters <br> \section*{\section*{D-Mark dip suits exporters <br> <br> - Germany: by Andrew Fisher} <br> <br> - Germany: by Andrew Fisher}

The stagnating economy now looks like moving back hesitantly to a growth path Germany's exporters are
breathing more easily this year. Already ure easily thile the presur
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from hlind domestlc labour
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DMark soared apatast the dol.
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ter currency is back to to ths levels
The D-Mark is back to its levels at the beginning of last year the beginning of last year
 back to a growth path. With
private consumption and
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the economy's main support:




Managing exchange rate fuctuattons Teamwork plays prime part

John Stopford's team looks after assets with a
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$\square$ international company case study: Marzotto
Currency exposure controlled Just over two-thirds
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## - Europes by Lionel Barber

## Traders are warming to Emu





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Crystal balls are often wrong
Clear thinking, acute
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